Jonathan Lee

+1 (226) 700-8838 | jh.jonathanlee@gmail.com | github.com/jhjonathanlee

EDUCATION

The University of Western Ontario, London, Ontario *Class of 2017*
B.Sc. Major in Computer Science, Major in English Language and Literature
Relevant courses: Data Structures & Algorithms, Object-Oriented Design & Analysis, Intro to Data Science, Visual Computing, Databases, Computer Networks

WORK EXPERIENCE

Autodata Solutions, London, Ontario *August 2014 – August 2015*
Software Developer Intern

- Used multi-threading and refactored non-sargable SQL queries in weekly data packaging process for vehicle sales, reducing runtime from 72 hours to 4 hours
- Implemented an application to abstract SQL queries and web API calls, allowing Product Operations and QA teams to rapidly perform data verification and vehicle configuration
- Improved test code coverage and program structure using metrics generated by SonarQube

PROJECTS and HACKS

ARNance (Javascript/Java) – *Best FinTech Hack at HackWestern 3* *November 2017*

- Created augmented-reality overlay to display relevant financial info when looking at a company's logo through a smartphone camera
- Generated data summaries and visuals from online sources

Meteorite Predictor (Python) – *Independent class project* *Spring 2017*

- Applied logistic regression to determine if a meteorite could be found in a U.S. county or county-level equivalent.
- Munged NASA meteorite data and U.S. land usage data to build the appropriate data set for the classifier

VisuChef (Node/Express) – *Indico API prize at NHacks 2016* *March 2016*

- Utilized machine learning APIs to allow users to take images of food and find the same or similar recipes from Food2Fork
- Linked the app to Instagram to provide easy access to relevant images

DataVis (C++, Qt) – *Team-based class project* *Spring 2015*

- Designed and coded desktop application for generating data summaries and visualizations for evaluating university staff research and teaching production

SKILLS

Languages: Java, Javascript, SQL, Python, C++, HTML/CSS
Tools/Frameworks: Git, Perforce, Qt, Anaconda, JQuery, Node/Express